

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 1 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes	
Reduced Risk						
NA	Reduced Risk Rationale for Flucarbazone-Sodium		44848952	Bayer Corporation	Own	
Reduced Risk	Carrothers, D.; Dehart, B.; Duah, F. et al.	Lab Project No.: 109151				
Product Chemistry						
61-1	Product Chemistry of Everest Technical.		45800801	Bayer Corporation	Own	
Composition of Pesticide Products	Fontaine, L.	Lab Project No.: BR 2244: ANR-07702.				
830.1550	Product Chemistry of Everest Technical.		45321501	Bayer Corporation	Own	
Composition of Pesticide Products	Fontaine, L.					
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900	Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process, Discussion of Formation of Impurities, and Certified Limits		47807101	Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties	Brown, A.	ARY2009-02				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 1 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Reduced Risk					
NA			Bayer Corporation	Own	
Reduced Risk					
Product Chemistry					
61-1			Bayer Corporation	Own	
Composition of Pesticide Products					
830.1550			Bayer Corporation	Own	
Composition of Pesticide Products					
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900			Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 2 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900	Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process, Discussion of Formation of Impurities, and Certified Limits	47897003	Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties	Brown, A.	ARY2009-09			
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900	Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process, Discussion of Formation of Impurities, and Certified Limits	47958601	Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties	Brown, A.	ARY2009-02 Revision No. 1			
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900	Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process, Discussion of Formation of Impurities, and Certified Limits. Revision No. 1	48042501	Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties	Brown, A.	ARY2009-09, Rev. No. 1			
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900	ARY-0454-113; Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process, Discussion of Formation of Impurities, and Certified Limits	48154301	Arysta LifeScience North America, LLC	Own	Arysta LifeScience
Physical and Chemical Properties	Brown, A.	ARY2010-01			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 2 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900			Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties					
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900			Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties					
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900			Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties					
830.1550, 830.1600, 830.1620, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800, 830.1900			Arysta LifeScience North America, LLC	Own	Arysta LifeScience
Physical and Chemical Properties					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: 66330-51

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150, Cary, NC 27513

Product: Everest Technical Herbicide

Ingredient: Flucarbazone-sodium

Page 3 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.6302, 830.6303, 830.6304, 830.6314, 830.6315, 830.7000, 830.7100, 830.7300	Physical Properties of PRE-PARE SC Herbicide	47897002	Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties	Brown, A. AR-0924				
830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.7100, 830.6314, 830.6315	Physical Properties of ARY-0454-105	47807102	Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties	Brown, A. ARY-0906				
830.6317, 830.6320	PRE-PARE SC Herbicide: Storage Stability and Corrosion Characteristics	48260101	Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties	Brown, A. AR-0925F				
830.6302, 830.6303, 830.6304, 830.6314, 830.7000, 830.7300	Physical Properties of ARY-0454-113	48154302	Arysta LifeScience North America, LLC	Own	Arysta LifeScience
Physical Properties	Brown, A. AR-1005				
63-0	Product Chemistry of MKH 6562 Technical	44865801	Bayer Corporation	Own	
Physical/Chemical Characteristics	Fontaine, L. Lab Project No.: 107273: 108409: 108410				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 3 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.6302, 830.6303, 830.6304, 830.6314, 830.6315, 830.7000, 830.7100, 830.7300			Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties					
830.6302, 830.6303, 830.6304, 830.7300, 830.7000, 830.7100, 830.6314, 830.6315			Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties					
830.6317, 830.6320			Arysta LifeScience North America, LLC	Own	
Physical and Chemical Properties					
830.6302, 830.6303, 830.6304, 830.6314, 830.7000, 830.7300			Arysta LifeScience North America, LLC	Own	Arysta LifeScience
Physical Properties					
63-0			Bayer Corporation	Own	
Physical/Chemical Characteristics					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 4 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
63-0, 61-2, 61-3, 62-2, 62-3, 61-1	Product Chemistry of MKH 6562 70DF	44848702	Bayer Corporation	Own	
Physical/Chemical Characteristics	Fontaine, L.	Lab Project No.: TM C-23			
830.6320, 830.6317	Chlorsulfuron 75WG/Flucarbazone Sodium 70WG (DPX-L3V36) Blend of Extended Water Dispersible Granular Herbicide Formulations (1:2 Product Blend Ratio): Laboratory Study of Storage Stability and Corrosion Characteristics.	47161601	E. I. Du Pont de Nemours and CO., Inc.		
Physical/Chemical: Corrosion Characteristics	Bloemer, D.	DuPont-17180.			
830.7300, 830.6316, 830.6302, 830.6303, 830.6304, 830.7000	Chlorsulfuron 75WG/Flucarbazone Sodium 70WG (DPX-L3V36) Blend of Extruded Water-Dispersible Granular Herbicide Formulations (1:2 Product Blend): Laboratory Study of Physical and Chemical Characteristics.	46853104	E. I. Du Pont de Nemours and CO., Inc.		
Physical/Chemical: Density or Gravity	Bloemer, D.	DuPont-17181.			
63-11	Partition Coefficient in Octanol-Water of Three Degradates of MKH6562 Sulfonamide, N-Methyl Triazolinone (NMT) and N,O-Dimethyl Triazolinone (NODT)	45131801	Bayer Corporation	Own	
Physical/Chemical: Octanol/Water Partition Coefficient	Krohn, J.	Lab Project No.: 1400450 0999: 109562			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 4 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
63-0, 61-2, 61-3, 62-2, 62-3, 61-1			Bayer Corporation	Own	
Physical/Chemical Characteristics					
830.6320, 830.6317			E. I. Du Pont de Nemours and CO., Inc.		
Physical/Chemical: Corrosion Characteristics					
830.7300, 830.6316, 830.6302, 830.6303, 830.6304, 830.7000			E. I. Du Pont de Nemours and CO., Inc.		
Physical/Chemical: Density or Gravity					
63-11			Bayer Corporation	Own	
Physical/Chemical: Octanol/Water Partition Coefficient					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 5 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1800	Validation of the Analytical Enforcement Method Verify the Certified Limits of Chlorimuron Ethyl (DPX-F6025), Chlorsulfuron (DPX-W4189), Flucarbazone Sodium (DPX-GC961), Hexazinone (DPX-A3674), Metsulfuron Methyl (DPX-T6376), Nicosulfuron (DPX-V9630), Rim	46853102	E. I. Du Pont de Nemours and CO., Inc.		
Product Mfg: Analytical Methods to Verify Limits	Brown, L.				DuPont-17201.
830.1800	Flucarbazone Sodium (46.7%) and Chlorsulfuron (25.0%): Analytical Method to Verify the Certified Limits of DPX-L3V36 End-Use Product, A Blended Formulation of DPX-GG961 Paste-Extruded Formulation and DPX-W4189 Paste-Extruded Formulation (2:1).	46853103	E. I. Du Pont de Nemours and CO., Inc.		
Product Mfg: Analytical Methods to Verify Limits	Bloxham, P.				DuPont-17202.
61-2, 61-3, 62-1, 62-2, 62-3, 61-1	Product Chemistry of MKH 6562 Technical	44848701	Bayer Corporation	Own	
Product Mfg: Beginning Materials & Mfg Process	Fontaine, L.				Lab Project No.: TM C-23
830.1600, 830.1650, 830.1670, 830.1750, 830.1550	Product Identity and Composition of End-Use Product Chlorsulfuron 75WG/Flucarbazone Sodium 70WG (DPX-L3V36) Blend of Herbicide Formulations (25.0% + 46.7% Active Ingredient).	46853101	E. I. Du Pont de Nemours and CO., Inc.		
Product Mfg: Beginning Materials & Mfg Process	Blythe, N.				DuPont-17214.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 5 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1800			E. I. Du Pont de Nemours and CO., Inc.		
Product Mfg: Analytical Methods to Verify Limits					
830.1800			E. I. Du Pont de Nemours and CO., Inc.		
Product Mfg: Analytical Methods to Verify Limits					
61-2, 61-3, 62-1, 62-2, 62-3, 61-1			Bayer Corporation	Own	
Product Mfg: Beginning Materials & Mfg Process					
830.1600, 830.1650, 830.1670, 830.1750, 830.1550			E. I. Du Pont de Nemours and CO., Inc.		
Product Mfg: Beginning Materials & Mfg Process					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 6 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1620	Flucarbazone-Sodium Coupling Process Description.	47136501	Arysta LifeScience North America, LLC	Own	
Product Mfg: Beginning Materials & Mfg Process	Lee, Y. Project No.: 0454RD1001.				
830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800	Everest Technical: Description of Manufacturing Process	48950701	Arysta LifeScience North America, LLC	Own	
Product Mfg: Manufacturing Process	Janis, J. ARY2012-04				
830.1800	Method Validation for Flucarbazone-sodium. Amended Final Report	48639102	Arysta LifeScience North America, LLC	Own	
Product Mfg: Method Validation	Weller, P. 310989.1.001				
830.1700	Analysis of Flucarbazone-Sodium Technical Grade Active Ingredient, Impurities and Water in Pilot Plant Batches: 14/2007, 15/2007, 16/2007, 17/2007, 18/2007, 19/2007 & 20/2007.	47136502	Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis	Kruplak, J. Project No.: 1979A, 1979A/1.				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 6 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1620			Arysta LifeScience North America, LLC	Own	
Product Mfg: Beginning Materials & Mfg Process					
830.1550, 830.1600, 830.1620, 830.1670, 830.1700, 830.1750, 830.1800			Arysta LifeScience North America, LLC	Own	
Product Mfg: Manufacturing Process					
830.1800			Arysta LifeScience North America, LLC	Own	
Product Mfg: Method Validation					
830.1700			Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 7 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1700	Analysis of Flucarbazone-Sodium Technical Grade Active Ingredient, Impurities and Water in Pilot Plant Batches: KHD 1-24LW, KHD 1-27LW, KHD 1-29LW, KHD 1-30LW, KHD 1-32LW & KHD 1-34LW.	47136503	Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis	Kruplak, J. Project No.: 1979B, 1979B/1, 0454RD1003.				
830.1700, 830.1800	Group A- Product Chemistry Analysis for Flucarbazone-sodium. Amended Final Report	48639101	Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis	Weller, P. 310990.01.001				
830.1700, 830.1800	Flucarbazone-sodium: Product Chemistry Analysis	48950702	Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis	Robaugh, D.A. 2365				
830.1000, 830.6302, 830.6303, 830.6304, 830.7200, 830.7300, 830.7840	U.S. EPA Product Properties Test Guidelines - Group A and B of Everest Technical Herbicide.	46433501	Arysta LifeScience North America, LLC	Own	
Product/Manufacturing Chemistry & Analysis	Cornes, S. Project No.: ARV/04/454/001, 04/0252/GI/G16.				
830.6317, 830.6320	ARY-0454-105: Storage Stability and Corrosion Characteristics	48426901	Arysta LifeScience North America, LLC	Own	
Storage Stability and Corrosion Characteristics	Brown, A. AR-0907-1				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 7 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
830.1700			Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis					
830.1700, 830.1800			Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis					
830.1700, 830.1800			Arysta LifeScience North America, LLC	Own	
Product Mfg: Preliminary Analysis					
830.1000, 830.6302, 830.6303, 830.6304, 830.7200, 830.7300, 830.7840			Arysta LifeScience North America, LLC	Own	
Product/Manufacturing Chemistry & Analysis					
830.6317, 830.6320			Arysta LifeScience North America, LLC	Own	
Storage Stability and Corrosion Characteristics					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 8 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Product Chemistry

63-17	Product Chemistry of Flucarbazone-sodium 70 DF: Supplement to MRID 44848702		45115801	Bayer Corporation	Own	
Storage Stability/Shelf Life	Fontaine, L.	Lab Project No.: 109340: BR 2052				
CIPAC MT 185 and 161	Physical Properties of Everest 2.0/Everest 35 SC				OWN	
wet sieving and suspensibility of aqueous suspension concentrates	Brown, A.	AR-1113				

Environmental Fate

835.4300	Flucarbazone: Aerobic Aquatic Metabolism		48648501	Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Aerobic Aquatic Metabolism	Stenzel, J.	WLI 443E-101				
162-1	Aerobic Metabolism of (Phenyl-U-(carbon-14)) MKH 6562 in North Dakota Sandy Loam		44848903	Bayer Corporation	Own	
Fate in Soil: Aerobic Soil Metabolism	Pangilinan, N.; Smith, D.; Jackson, S. et al.	Lab Project No.: M2042102: 107814				
162-1	Aerobic Metabolism of (Triazolinone-3-(carbon-14)) MKH 6562 in North Dakota Sandy Loam		44848904	Bayer Corporation	Own	
Fate in Soil: Aerobic Soil Metabolism	Pangilinan, N.; Jackson, S.; Jones, L. et al.	Lab Project No.: M2042103: 107823				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 8 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Product Chemistry					
63-17			Bayer Corporation	Own	
Storage Stability/Shelf Life					
CIPAC MT 185 and 161				OWN	
wet sieving and suspensibility of aqueous suspension concentrates					
Environmental Fate					
835.4300			Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Aerobic Aquatic Metabolism					
162-1			Bayer Corporation	Own	
Fate in Soil: Aerobic Soil Metabolism					
162-1			Bayer Corporation	Own	
Fate in Soil: Aerobic Soil Metabolism					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 9 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

162-1	Aerobic Metabolism of (Phenyl-UL-(carbon-14)) MKH 6562 in Manitoba Sandy Loam		44848905	Bayer Corporation	Own	
Fate in Soil: Aerobic Soil Metabolism	Pangilinan, N.; Smith, D.; Jones, L. et al.	Lab Project No.: M2042104: 107815				
162-1	Aerobic Soil Metabolism of (Carbon 14) MKH 6562 Sulfonamide.		46083801	Arysta LifeScience North America, LLC	Own	
Fate in Soil: Aerobic Soil Metabolism	Ripperger, R.; Hall, L.	Project No.: 200255, M2042105.				
163-1	Soil Adsorption/Desorption of MKH 6562		44848912	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Blumhorst, M.; Lin, H.	Lab Project No.: M2182101: 122S21: 106976				
163-1	Adsorption/Desorption of (Carbon-14)N-Methyltriazolinone, an (Carbon-14)MKH 6562 Metabolite, in Four Soil Types		44848913	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Hein, W.; Yen, P.	Lab Project No.: M2182102: BAC10: 108272				
163-1	Adsorption/Desorption of (Carbon-14)MKH 6562 Sulfonamide, an (Carbon-14)MKH 6562 Metabolite, in Four Soil Types		44848914	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Hein, W.; Yen, P.	Lab Project No.: M2182103: BAC07: 108273				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 9 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

162-1			Bayer Corporation	Own	
Fate in Soil: Aerobic Soil Metabolism					
162-1			Arysta LifeScience North America, LLC	Own	
Fate in Soil: Aerobic Soil Metabolism					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 10 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

163-1	Adsorption/Desorption of (Carbon-14)MKH 6562 Sulfonic Acid, an (Carbon-14)MKH 6562 Metabolite, in Four Soil Types		44848915	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Hein, W.; Yen, P.	Lab Project No.: M2182104: BAC08: 108274				
163-1	Adsorption/Desorption of (Carbon-14)N,O-Dimethyltriazolinone, an (Carbon-14)MKH 6562 Metabolite, in Four Soil Types		44848916	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Hein, W.; Yen, P.	Lab Project No.: M2182105: BAC09: 108275				
163-1	Adsorption/Desorption of (carbon-14)MKH 6562 Sulfonamide, (carbon-14)MKH Sulfonic Acid, (carbon-14)N,O-Dimethyltriazolinone, (carbon-14)-Methyltriazolinone, and (carbon-14)O-Desmethyl MKH 6562 by Soil from Richland County, ND; and (carbon-14)Methyltriazol		44848917	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Blumhorst, M.; Yen, P.	Lab Project No.: M2182106: 108276: 122S26				
163-1	Leaching of Aged (Phenyl-UL-(carbon-14))MKH 6562 Residues Through Tiffany Sandy Loam		44848918	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Smith, D.; Pangilinan, N.	Lab Project No.: M2092101: 107816				
163-1	Leaching of Aged (Triazolinone-3-(carbon-14))MKH 6562 Residues Through Tiffany Sandy Loam		44848919	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Jackson, S.; Pangilinan, N.	Lab Project No.: M2092102: 108256				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 10 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 11 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

163-1	Outdoor Metabolism and Leaching of (Phenyl-UL-(carbon-14))MKH 6562 in Lysimeters		44848921	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Mattern, G.; Green, D.; Parker, G.	Lab Project No.: M2042101: 106931				
163-1	Adsorption/Desorption of (carbon-14)N,O-Dimethyltriazolinone, an (carbon-14)MKH 6562 Metabolite, in Four Soil Types		45083701	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Hein, W.	Lab Project No.: M2182105: 108275-1: BAC09				
163-1	Adsorption/Desorption of (carbon-14)MKH 6562 Sufonamide, an (carbon-14)MKH 6562 Metabolite, in Four Soil Types		45083702	Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption	Hein, W.	Lab Project No.: M2182103: BAC07: 108273-1				
NA	Examination of MKH6562 Degradate, N-Methyltriazolinone (NMT), Binding to Soil and its Limited Potential for Movement to Surface and Ground Water		45823002	Bayer Corporation	Own	
Fate in Soil: Mobility in Soil (General)	Coody, P.	Project No.: 200342: M2122101: 108330.				
161-3	Photolysis of (Phenyl-U-(carbon-14)) MKH 6562 in North Dakota Sandy Loam		44848901	Bayer Corporation	Own	
Fate in Soil: Photodegradation on Soil (Photolysis)	Green, D.; Mattern, G.	Lab Project No.: 107393: M2082101				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 11 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
163-1			Bayer Corporation	Own	
Fate in Soil: Leaching & Adsorption/Desorption					
NA			Bayer Corporation	Own	
Fate in Soil: Mobility in Soil (General)					
161-3			Bayer Corporation	Own	
Fate in Soil: Photodegradation on Soil (Photolysis)					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 12 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

164-1	Method Validation for the Analysis of Soils for MKH 6562 and Three Metabolite Residues	44848845	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Peterson, R.; Bethem, R.; Lam, C. et al.	Lab Project No.: 107530: M2112101: BAYKS01E-2			
164-1	Analytical Method for the Determination of O-Desmethyl MKH 6562 (Metabolite of MKH 6562) in Soil by High-Performance Liquid Chromatography Tandem Mass Spectrometry (HPLC/MS/MS)	44848847	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Morby, R.; McKinney, M.; Lam, C. et al.	Lab Project No.: 98B38: 107530-2			
164-1	Independent Laboratory Validation of Analytical Method for the Determination of MKH 6562 and Three Metabolite Residues in Soil	44848848	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Perkins, J.; Anderson, D.; Lowes, S.	Lab Project No.: AL6562ILV: 107811: M6112102			
164-1	Evaluation of Four Soil Extraction Methods for (carbon-14)N-Methyltriazolinone (NMT), a Metabolite of MKH 6562	44848849	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	McKinney, M.; Lam, C.	Lab Project No.: 108330: M2122101			
164-1	Terrestrial Field Dissipation of MKH 6562 on Bare Loam in Alberta, 1996	44848922	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Philpot, J.; Yen, P.	Lab Project No.: M2022103: 108133			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: 66330-51

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150, Cary, NC 27513

Product: Everest Technical Herbicide

Ingredient: Flucarbazone-sodium

Page 12 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 13 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
164-1	Terrestrial Field Dissipation of MKH 6562 on Orthic Brown Soil in Outlook, Saskatchewan, 1996	44848923	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Philpot, J.; Yen, P.	Lab Project No.: M2022104: 108134			
164-1	Terrestrial Field Dissipation of MKH 6562 on Dark Brown Soil in Saskatoon, Saskatchewan, 1996	44848924	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Philpot, J.; Yen, P.	Lab Project No.: M2022105: 108135			
164-1	Terrestrial Field Dissipation of MKH 6562 in Washington Soil, 1996	44848925	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Harbin, A.; Wood, S.	Lab Project No.: BAYKS01E-4: M2022102: 108255			
164-1	Terrestrial Field Dissipation of MKH 6562 in North Dakota Soil, 1996	44848926	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Harbin, A.; Wood, S.	Lab Project No.: AGV96034: BAYKS01E-3: M2022101			
164-1	Independent Laboratory Validation of Bayer Method (Report Number 107530-2) for the Determination of O-Desmethyl MKH 6562 (Metabolite of MKH 6562) in Soil	44848927	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Wiedmann, J.	Lab Project No.: 7672-98-0154-CR-001: M2112103: 108810			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 13 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 14 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

164-1	Terrestrial Field Dissipation of MKH 6562 on Dark Brown Soil in Saskatoon, Saskatchewan, 1996-Report Addendum 1		45083703	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Mattern, G.	Lab Project No.: M2022105: 108135: 108135-1				
164-1	Terrestrial Field Dissipation of MKH 6562 on Orthic Brown Soil in Outlook, Saskatchewan, 1996-Report Addendum 1		45083704	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Mattern, G.	Lab Project No.: M2022104: 108134: 108134-1				
164-1	Terrestrial Field Dissipation of MKH 6562 on Bare Loam in Alberta, 1996-Report Addendum 1		45083705	Bayer Corporation	Own	
Fate in Soil: Short Term Studies	Mattern, G.	Lab Project No.: M2022103: 108133: 108133-1				
164-1	Analytical Method for the Determination of O-Desmethyl MKH 6562 (Metabolite of MKH 6562) in Soil by High-Performance Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS).		46223701	Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies	Lam, C.; Qadri, S.					
164-1	Analytical Method for the Determination of MKH 6562 and Metabolites NODT, Sulphonic Acid, and Sulphonamide in Soil by High-Performance Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS).		46223702	Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies	Lam, C.; Qadri, S.					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 14 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Bayer Corporation	Own	
Fate in Soil: Short Term Studies					
164-1			Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies					
164-1			Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 15 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
164-1	Terrestrial Field Dissipation of MKH6562 in Washington Soil, 2002.	46223703	Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies	Wood, S. Project No.: M2022107, F02502/0001.				
164-1	Terrestrial Field Dissipation of MKH6562 in Oklahoma Soil, 2001.	46223704	Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies	Wood, S.E. Project No.: M2022106, F02500-0001.				
166-1	Determination of MKH 6562 in Water by HPLC	44848850	Bayer Corporation	Own	
Fate in Water	Mattern, G.; Lam, C. Lab Project No.: 108125				
162-4	Degradation and Fate of (Phenyl-UL-(carbon-14)) MKH 6562 in Pond Water	44848906	Bayer Corporation	Own	
Fate in Water: Aerobic Aquatic Metabolism	Kelley, I.; McKinney, M.; Bormann, T. Lab Project No.: M2042402: 107140				
162-4	Aerobic Aquatic Biotransformation of (Phenyl-UL-(carbon-14)) MKH 6562	44848907	Bayer Corporation	Own	
Fate in Water: Aerobic Aquatic Metabolism	Parker, G.; Kelley, I. Lab Project No.: M2042405: 107911				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 15 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
164-1			Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies					
164-1			Arysta LifeScience North America, LLC	Own	
Fate in Soil: Short Term Studies					
166-1			Bayer Corporation	Own	
Fate in Water					
162-4			Bayer Corporation	Own	
Fate in Water: Aerobic Aquatic Metabolism					
162-4			Bayer Corporation	Own	
Fate in Water: Aerobic Aquatic Metabolism					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 16 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

162-4	Aerobic Aquatic Biotransformation of (Triazolinon-3-(carbon-14)) MKH 6562		44848908	Bayer Corporation	Own	
Fate in Water: Aerobic Aquatic Metabolism	Kelley, I.; McKinney, M.	Lab Project No.: M2042403: 107827				
162-3	Anaerobic Aquatic Metabolism of (Phenyl-UL-(carbon-14)) MKH 6562 at 5 (degrees) C		44848909	Bayer Corporation	Own	
Fate in Water: Anaerobic Aquatic Metabolism	Blumhorst, M.; Chopade, H.	Lab Project No.: M2042406: 122S22: 108313				
162-3	Anaerobic Aquatic Metabolism of (Phenyl-UL-(carbon-14)) MKH 6562		44848910	Bayer Corporation	Own	
Fate in Water: Anaerobic Aquatic Metabolism	Halamkar, P.; Irwin, D.	Lab Project No.: M2042401: 107742				
162-3	Anaerobic Aquatic Metabolism of (Triazolinon-3-(carbon-14)) MKH 6562		44848911	Bayer Corporation	Own	
Fate in Water: Anaerobic Aquatic Metabolism	Halamkar, P.; Irwin, D.	Lab Project No.: M2042404: 107929				
161-1	Aqueous Hydrolysis of (Phenyl-U-(carbon-14)) MKH 6562 in Sterile Buffer Solutions		44848851	Bayer Corporation	Own	
Fate in Water: Hydrolysis	Mattern, G.; Green, D.	Lab Project No.: 106950: M2072401				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 16 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
162-4			Bayer Corporation	Own	
Fate in Water: Aerobic Aquatic Metabolism					
162-3			Bayer Corporation	Own	
Fate in Water: Anaerobic Aquatic Metabolism					
162-3			Bayer Corporation	Own	
Fate in Water: Anaerobic Aquatic Metabolism					
162-3			Bayer Corporation	Own	
Fate in Water: Anaerobic Aquatic Metabolism					
161-1			Bayer Corporation	Own	
Fate in Water: Hydrolysis					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 17 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
161-1	Hydrolysis of O-desmethyl MKH 6562-triazolidinine-3,5-(Carbon 14) at pH 3, 5, 7 and 9 in Sterile Aqueous Buffer	45823001	Bayer Corporation	Own	
Fate in Water: Hydrolysis	Aga, D.; Smith, D.; Arthur, E.	Lab Project No.: M2072402: 200145			
161-2	Aqueous Photolysis of (Phenyl-U-(carbon-14)) MKH 6562 in Sterile Buffer and Manitoba Pond Water	44848902	Bayer Corporation	Own	
Fate in Water: Photodegradation (Photolysis)	Mattern, G.; Green, D.; Leimkuehler, W.	Lab Project No.: 106969: M2082401			
161-2	Assessment of the Environmental Half-Life of the Direct Photodegradation of MKH 6562 in Water	44865802	Bayer Corporation	Own	
Fate in Water: Photodegradation (Photolysis)	Hellpointner, E.	Lab Project No.: M143 0710-6: 107\123			
166-1	Analytical Method for the Determination of MKH 6562 and Three Metabolites in Ground Water by High-Performance Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)	45602401	Bayer Corporation	Own	
Ground Water Monitoring	Lam, C.; Morby, R.; Leimkuehler, W.	Lab Project No.: 108919			
	Fate of Flucarbazone(MKH 6562) in the Environment	44848844	Bayer Corporation	Own	
Pesticide Fate in the Environment (General)	Yen, P.; Mattern, G.	Lab Project No.: 108341			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 17 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Environmental Fate					
161-1			Bayer Corporation	Own	
Fate in Water: Hydrolysis					
161-2			Bayer Corporation	Own	
Fate in Water: Photodegradation (Photolysis)					
161-2			Bayer Corporation	Own	
Fate in Water: Photodegradation (Photolysis)					
166-1			Bayer Corporation	Own	
Ground Water Monitoring					
			Bayer Corporation	Own	
Pesticide Fate in the Environment (General)					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 18 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

NA	Environmental Considerations for Registration of Flucarbazone-Sodium on Turf and in Tree Nurseries and Christmas Tree Farms.		47565002	Arysta LifeScience North America, LLC	Own	
Pesticide Fate in the Environment (General)	Habig, C.	Project No.: FLUCARBAZONE/08/02				

Ecological Toxicity

NA	Acute Toxicity of 4-Methylurazole (a Metabolite of MKH 6562) to Earthworms (<i>Eisenia fetida</i>)		44848932	Bayer Corporation	Own	
Acute (Single Dose, Short Term) Exposure	Heimbach, F.	Lab Project No.: E 310 1318-7: 108743: HBF/RG 266				
NA	Acute Toxicity of MKH 6562 (tech.) to Earthworms (<i>Eisenia fetida</i>)		44848931	Bayer Corporation	Own	
Acute Exposure	Heimbach, F.	Lab Project No.: E 310 1220-9: 108271: HBF/RG 252				
141-1	Laboratory Testing for Toxicity (Acute Contact and Oral LD50) of MKH 6562 techn. on Honey Bees (<i>Apis mellifera</i> L.) (Hymenoptera, Apidae)		44848933	Bayer Corporation	Own	
Acute Exposure: Acute Contact LD50	Schmitzer, S.	Lab Project No.: 4180036: 108537				
72-1	Acute Toxicity of MKH 6562 Technical to the Rainbow Trout (<i>Ocorhynchus mykiss</i>) Under Static-Renewal Conditions		44848936	Bayer Corporation	Own	
Acute Exposure: Aquatic	Bowers, L.	Lab Project No.: M2812201: 107143				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 18 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Environmental Fate

NA			Arysta LifeScience North America, LLC	Own	
Pesticide Fate in the Environment (General)					

Ecological Toxicity

NA			Bayer Corporation	Own	
Acute (Single Dose, Short Term) Exposure					
NA			Bayer Corporation	Own	
Acute Exposure					
141-1			Bayer Corporation	Own	
Acute Exposure: Acute Contact LD50					
72-1			Bayer Corporation	Own	
Acute Exposure: Aquatic					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 19 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
72-1	Acute Toxicity of MKH 6562 Technical to the Bluegill (<i>Lepomis macrochirus</i>) Under Static-Renewal Conditions	44848937	Bayer Corporation	Own	
Acute Exposure: Aquatic	Bowers, L. Lab Project No.: M2810301: 107136				
72-2	Acute Toxicity of MKH 6562 to the Waterflea (<i>Daphnia magna</i>) Under Static Conditions	44848934	Bayer Corporation	Own	
Acute Exposure: Aquatic	Bowers, L. Lab Project No.: M2820701: 107340				
71-1	Technical MKH 6562: An Acute Oral LD50 with Northern Bobwhite (<i>Colinus virginianus</i>)	44848939	Bayer Corporation	Own	
Acute Exposure: Oral	Toll, P. Lab Project No.: M2711701: 107100				
850.2100	An Acute Oral Toxicity Study with the Zebra Finch (<i>Poephila guttata</i>)	48549306	Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Acute Oral Toxicity (Passerine Birds)	WLI 443-132				
850.1025	A 96-Hour Shell Deposition Test With the Eastern Oyster (<i>Crassostrea virginica</i>)	48549303	Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Acute Oyster	Minderhout, Tui WLI 443A-145				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 19 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
72-1			Bayer Corporation	Own	
Acute Exposure: Aquatic					
72-2			Bayer Corporation	Own	
Acute Exposure: Aquatic					
71-1			Bayer Corporation	Own	
Acute Exposure: Oral					
850.2100			Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Acute Oral Toxicity (Passerine Birds)					
850.1025			Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Acute Oyster					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 20 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
	Analytical Method Verification for the Determination of Flucarbazone in Saltwater	48549302	Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Analytical Methods	Kendall, T.Z. WLI 443C-120				
850.1075	A 96-Hour-through Acute Toxicity Test with the Sheepshead Minnow (Cyprinodon variegatus)	48549305	Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Chronic Aquatic Organism	Minderhout, Tui WLI 443A-144				
122-2	Toxicity of MKH 6562 70 WG to Lemna gibba G3 Under Spray Application Conditions	44848928	Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction	Bowers, L. Lab Project No.: M2883702: 107697				
123-2	Toxicity of MKH 6562 to Freshwater Green Alga Selenastrum capricornutum	44848946	Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction	Dobbs, M. Lab Project No.: M2883501: 107377				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 20 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
Analytical Methods			Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
850.1075			Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Chronic Aquatic Organism					
122-2			Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction					
123-2			Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 21 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Ecological Toxicity

123-2	Toxicity of MKH 6562 to the Blue-Green Alga <i>Anabaena flos-aquae</i>		44848947	Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction	Bowers, L.	Lab Project No.: M2831401: 107836				
123-2	Toxicity of MKH 6562 to the Freshwater Diatom <i>Navicula pelliculosa</i>		44848948	Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction	Hall, A.	Lab Project No.: M2883401: 107743				
123-2	Toxicity of MKH 6562 Technical to the Marine Diatom <i>Skeletonema costatum</i>		44848949	Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction	Bowers, L.; Lam, C.	Lab Project No.: M2883601: 108452				
123-2	Toxicity of MKH 6562 Technical to <i>Lemna gibba</i> G3		44848950	Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction	Bowers, L.; Lam, C.	Lab Project No.: M2883701: 107917				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 21 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
123-2			Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction					
123-2			Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction					
123-2			Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction					
123-2			Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 22 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Ecological Toxicity

123-2	Toxicity of MKH 6562 Sulfonamide, a Metabolite of MKH 6562, to Lemna gibba G3		44848951	Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction	Hall, A.; Lam, C.	Lab Project No.: 96-B-158: 108933				
122-1	Tier 1 Seedling Emergence and Vegetative Vigor Nontarget Phytotoxicity Study Using MKH 6562 Sulfonamide (a Metabolite of MKH 6562)		45694901	Bayer Corporation	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor	Bowers, L.	Lab Project No.: M2451301: M2451302: 109475				
122-1	Tier I Seedling Emergence and Vegetative Vigor Nontarget Phytotoxicity Study Using MKH 6562 Sulfonamide (a Metabolite of MKH 6562) on Lentil, Oat and Sugarbeet.		46103701	Arysta LifeScience North America, LLC	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor	Bowers, L.	Project No.: 200711.				
123-1	Tier 2 Seedling Emergence and Vegetative Vigor: Nontarget Phytotoxicity Study Using MKH 6562 70% WG		44848929	Bayer Corporation	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor	Hancock, G.; Hansen, C.	Lab Project No.: M2201602: 108315				
123-1	Supplemental Data for Report Number 108315: Tier 2 Seedling Emergence and Vegetative Vigor: Nontarget Phytotoxicity Study Using MKH 6562 70% WG		44848930	Bayer Corporation	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor	Hancock, G.; Hansen, C.	Lab Project No.: M2201602: 108315-1				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 22 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Ecological Toxicity

123-2			Bayer Corporation	Own	
Effects on Non-Target Plants: Aquatic Plant Growth & Reproduction					
122-1			Bayer Corporation	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor					
122-1			Arysta LifeScience North America, LLC	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor					
123-1			Bayer Corporation	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor					
123-1			Bayer Corporation	Own	
Effects on Non-Target Plants: Seed Germination & Vegetative Vigor					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 23 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
850.1035	A 96-Hour Flow -Through Acute Toxicity Test with the Saltwater Mysid (Americamysis bahia)	48549304	Arysta LifeScience North America, LLC	Own	Condition of Registration- turf
Mysid Shrimp	Minderhout, Tui				
71-4	Effect of Technical MKH 6562 on Mallard Reproduction	44848944	Bayer Corporation	Own	
Reproductive Impairment	Hancock, G.				
	Lab Project No.: M2740801: 108491				
71-4	Effect of Technical MKH 6562 on Northern Bobwhite Reproduction	44848945	Bayer Corporation	Own	
Reproductive Impairment	Hancock, G.				
	Lab Project No.: M2741701: 108492				
71-2	Technical MKH 6562: A Subacute Dietary LC50 with Northern Bobwhite	44848940	Bayer Corporation	Own	
Subacute Exposure: Dietary	Hancock, G.				
	Lab Project No.: M2721701: 107359				
71-2	Technical MKH 6562: A Subacute Dietary LC50 with Northern Bobwhite	44848941	Bayer Corporation	Own	
Subacute Exposure: Dietary	Hancock, G.				
	Lab Project No.: M2721702: 108461				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 23 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
850.1035			Arysta LifeScience North America, LLC	Own	Condition of Registratio n- turf
Mysid Shrimp					
71-4			Bayer Corporation	Own	
Reproductive Impairment					
71-4			Bayer Corporation	Own	
Reproductive Impairment					
71-2			Bayer Corporation	Own	
Subacute Exposure: Dietary					
71-2			Bayer Corporation	Own	
Subacute Exposure: Dietary					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 24 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Ecological Toxicity

71-2	Technical MKH 6562: A Subacute Dietary LC50 with Mallard Ducks		44848942	Bayer Corporation	Own	
Subacute Exposure: Dietary	Hancock, G.	Lab Project No.: M2720801: 107102				
72-4	Chronic Toxicity of MKH 6562 to the Waterflea (Daphnia magna) Under Static Renewal Conditions.		44848935	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Aquatic Invertebrates & Fish	Bowers, L.	Lab Project No.: M2840701: 107356				
72-4	Early Life Stage Toxicity of MKH 6562 to the Rainbow Trout (Oncorhynchus mykiss) Under Flow-Through Conditions		44848938	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Aquatic Invertebrates & Fish	Hall, A.	Lab Project No.: M2842201: 107838				
71-2	Technical MKH 6562: A Subacute Dietary LC50 with Mallards		44848943	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary	Hancock, G.	Lab Project No.: M2720802: 108460				

Residue Chemistry

165-1	The Confined Accumulation of (Triazolinone-3-(carbon-14)) MKH 6562 in Rotational Crops		44848821	Bayer Corporation	Own	
Accumulation Studies: Rotational Crops (Confined)	Duah, F.; Lopez, R.	Lab Project No.: M2051602: 108343				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 24 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Ecological Toxicity					
71-2			Bayer Corporation	Own	
Subacute Exposure: Dietary					
72-4			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Aquatic Invertebrates & Fish					
72-4			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Aquatic Invertebrates & Fish					
71-2			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary					
Residue Chemistry					
165-1			Bayer Corporation	Own	
Accumulation Studies: Rotational Crops (Confined)					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 25 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Residue Chemistry					
165-1	The Confined Accumulation of (Phenyl-UL-(carbon-14)) MKH 6562 in Rotational Crops	44848822	Bayer Corporation	Own	
Accumulation Studies: Rotational Crops (Confined)	Fischer, D.	Lab Project No.: 108056: M2051601			
860.1850	The Confined Accumulation of (Phenyl-UL-(Carbon 14)) MKH 6562 in Rotational Crops Response to EPA and PMRA Requests and Inquiries on Rotational Crop Storage Stability.	46103702	Arysta LifeScience North America, LLC	Own	
Accumulation Studies: Rotational Crops (Confined)	Fischer, D.	Project No.: M2051601, 108056/1.			
860.1900	MKH 6562 - Magnitude of the Residue in Field Rotational Crops - Wheat, Mustard Greens, and Turnip.	46083802	Arysta LifeScience North America, LLC	Own	
Accumulation Studies: Rotational Crops (Field)	Duah, F.	Project No.: 200706, M219RC01, M219RC02.			
171-4A2	The Metabolism of (Phenyl-(carbon-14)) MKH 6562 in Spring Wheat	44848838	Bayer Corporation	Own	
Fate of Pesticides in Plants (Metabolism)	Fischer, D.	Lab Project No.: M2041601: 108105			
171-4A2	The Metabolism of (Triazolinone-3-(carbon-14)) MKH 6562 in Spring Wheat	44848839	Bayer Corporation	Own	
Fate of Pesticides in Plants (Metabolism)	Gould, T.; Sanders, A.	Lab Project No.: 108320: M2041602			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 25 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Residue Chemistry					
165-1			Bayer Corporation	Own	
Accumulation Studies: Rotational Crops (Confined)					
860.1850			Arysta LifeScience North America, LLC	Own	
Accumulation Studies: Rotational Crops (Confined)					
860.1900			Arysta LifeScience North America, LLC	Own	
Accumulation Studies: Rotational Crops (Field)					
171-4A2			Bayer Corporation	Own	
Fate of Pesticides in Plants (Metabolism)					
171-4A2			Bayer Corporation	Own	
Fate of Pesticides in Plants (Metabolism)					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 26 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Residue Chemistry

171-4A3	MKH 6562--A 28-Day Dairy Cattle Feeding Study		44848820	Bayer Corporation	Own	
Pesticide Fate in Animals	Hall, L.; Hartz, A.	Lab Project No.: 108349: M2060401				
171-4A3	The Metabolism of (Phenyl-(carbon-14)) MKH 6562 in the Lactating Goat		44848834	Bayer Corporation	Own	
Pesticide Fate in Animals	Hall, L.; Hartz, A.	Lab Project No.: 106999: M2041001				
171-4A3	The Metabolism of (3-Triazolinone-(carbon-14)) MKH 6562 in the Lactating Goat		44848835	Bayer Corporation	Own	
Pesticide Fate in Animals	Hall, L.; Hartz, A.	Lab Project No.: M2041002: 107312				
171-4A3	The Metabolism of (Phenyl-(carbon-14)) MKH 6562 in the Laying Hen		44848836	Bayer Corporation	Own	
Pesticide Fate in Animals	Hall, L.; Hartz, L.	Lab Project No.: M2040501: 107510				
171-4A3	The Metabolism of (3-Triazolinone-(carbon-14)) MKH 6562 in the Laying Hen		44848837	Bayer Corporation	Own	
Pesticide Fate in Animals	Hall, L.; Hartz, A.	Lab Project No.: M2040502: 107684				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 26 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Residue Chemistry					
171-4A3			Bayer Corporation	Own	
Pesticide Fate in Animals					
171-4A3			Bayer Corporation	Own	
Pesticide Fate in Animals					
171-4A3			Bayer Corporation	Own	
Pesticide Fate in Animals					
171-4A3			Bayer Corporation	Own	
Pesticide Fate in Animals					
171-4A3			Bayer Corporation	Own	
Pesticide Fate in Animals					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 27 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Residue Chemistry

Residues in Food or Feed: Analytical Methods by Commodity	Independent Laboratory Validation of Method 200748: Analytical Method for the Determination of MKH 6562 & Metabolites NODT, Sulfonic acid, and Sulfonamide in Soil by High Performance Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS): Final Report Nelson, S.	Project No.: 05ILV01ARY, 06ARY01/REP, 200748.	46926101	Arysta LifeScience North America, LLC	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Independent Laboratory Validation of Method 108919 - 'Analytical Method for the Determination of MKH 6562 and Three Metabolites in Ground Water by High Performance Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)': Final Report. Nelson, S.	Project No.: 05ILV02ARY, 06ARY02/REP, 108919.	46926102	Arysta LifeScience North America, LLC	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Independent Laboratory Validation of Method 200747 - 'Analytical Method for the Determination of O-Desmethyl MKH 6562 (Metabolite of MKH 6562) in Soil by High Performance Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)'. Nelson, S.	Project No.: 05ILV03ARY, 06ARY03/REP, 200747.	46926103	Arysta LifeScience North America, LLC	Own	
171-4B	MKH 6562-Protocol for Residue Definition and Analytical Method		44639701	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Duah, F.	Lab Project No. 108057				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC**15401 Weston Parkway, Suite 150, Cary, NC 27513**Product: **Everest Technical Herbicide**Ingredient: **Flucarbazone-sodium**

Page 27 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Residue Chemistry					
			Arysta LifeScience North America, LLC	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
			Arysta LifeScience North America, LLC	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
			Arysta LifeScience North America, LLC	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 28 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Residue Chemistry					
171-4B	Independent Laboratory Validation for the Analytical Method for the Determination of MKH 6562 Residues in Cattle Tissues and Milk	44848819	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Robinson, R.; Boner, P.	Lab Project No.: M2110401: 108589: XBL98051			
171-4B	Evaluation of MKH 6562(Acid Form), Trifluoromethoxy Benzene Sulfonamide and N-Desmethyl MKH 6562 Through the FDA Multiresidue Method	44848824	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Fomenko, J.	Lab Project No.: A012			
171-4B	Independent Laboratory Validation for the Analytical Method for the Determination of MKH Residues in Plant Matrices	44848825	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Bruns, G.; Nelson, S.	Lab Project No.: M2111601: 108591: 98BAY06			
171-4B	Extraction Efficiency of the Analytical Residue Method for the Determination of MKH 6562 Residues in Crops	44848826	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Fischer, D.; Kraai, M.; Hartz, A.	Lab Project No.: M2221601: 108467			
171-4B	Extraction Efficiency of the Analytical Residue Method for the Determination of MKH 6562 Residues in Crops	44848827	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Hall, L.; Hartz, A.	Lab Project No.: M2221001: 107946			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 28 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Residue Chemistry

171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 29 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Residue Chemistry					
171-4B	Analytical Method for the Determination of MKH 6562 Residues in Cattle Tissues and Milk	44848828	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Hall, L.; Hartz, A.	Lab Project No.: 107945: M21100201			
171-4B	MKH 6562--Protocol for Residue Definition and Analytical Method	44848829	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Duah, F.	Lab Project No.: 108057: BMS-M2002-97H: 853-M2003-96H			
171-4B	An Analytical Method for the Determination of MKH 6562 Residues in Plant Matrices	44848841	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Gould, T.; Sanders, A.	Lab Project No.: 108059: M2111601			
171-4B	Method Validation for the Analysis of Soils for MKH 6562 and Three Metabolite Residues (Addendum 1)	44848846	Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity	Peterson, R.; Bethem, R.; Lam, C. et al.	Lab Project No.: 107530-1: M2112101: BAYKS01E-2			
171-4C	MKH 6562 70WG--Magnitude of the Residue on Wheat	44848823	Bayer Corporation	Own	
Residues in Food or Feed: Residue/Recovery Data by Commodity	Duah, F.; Harbin, A.	Lab Project No.: M219WH01: M219WH02: 108344			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 29 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Residue Chemistry					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4B			Bayer Corporation	Own	
Residues in Food or Feed: Analytical Methods by Commodity					
171-4C			Bayer Corporation	Own	
Residues in Food or Feed: Residue/Recovery Data by Commodity					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 30 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Residue Chemistry

171-4C	Freezer Stability of (Triazolinone-3-(carbon-14)) MKH 6562 Residues in Wheat Tissues: Addendum to: The Metabolism of (Triazolinone-3-(carbon 14))		44848840	Bayer Corporation	Own	
Residues in Food or Feed: Residue/Recovery Data by Commodity	Gould, T.	Lab Project No.: 108320-1: M2041602				
860.1850	Freezer Stability of (Phenyl-UL-(Carbon 14)) MKH 6562 Residues in Rotational Crop Matrices: Addendum 2 to the Confined Accumulation of (Phenyl-UL-(Carbon 14)) MKH 6562 in Rotational Crops.		46083803	Arysta LifeScience North America, LLC	Own	
Residues in Food or Feed: Residue/Recovery Data by Commodity	Fischer, D.; Kraai, M.	Project No.: 108056/2, M2051601.				
171-4	Freezer Storage Stability of (carbon-14)MKH 6562 Sulfonamide, and (carbon 14)MKH 6562 Sulfonic Acid in Soil		44848920	Bayer Corporation	Own	
Residues in Soil (Unspecified)	Billesbach, K.	Lab Project No.: M2132101: 108138				

Toxicology

82-2	MKH 6562: Study for Subacute Dermal Toxicity in Rats (Four-Week Treatment)		44848734	Bayer Corporation	Own	
21/28-Day dermal toxicity in rabbits	Krotlinger, F.; Hartmann, E.	Lab Project No.: 24998: T 4060008: 108184				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 30 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
------------------------	----------	------	-----------	--------	-------

Residue Chemistry

171-4C			Bayer Corporation	Own	
Residues in Food or Feed: Residue/Recovery Data by Commodity					
860.1850			Arysta LifeScience North America, LLC	Own	
Residues in Food or Feed: Residue/Recovery Data by Commodity					
171-4			Bayer Corporation	Own	
Residues in Soil (Unspecified)					

Toxicology

82-2			Bayer Corporation	Own	
21/28-Day dermal toxicity in rabbits					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 31 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
82-1	MKH 6562: Subacute Toxicity Study in Beagle Dogs (4 Week Feeding Study)	44848735	Bayer Corporation	Own	
28-Day oral toxicity in nonrodents	Wetzig, H.; Sander, E.	Lab Project No.: 26316: T 6 055 709: 108186			
82-1	MKH 6562: Subacute Toxicity Study in Beagle Dogs (4 Week Feeding Study): Supplemental Report	44848736	Bayer Corporation	Own	
28-Day oral toxicity in nonrodents	Wetzig, H.; Sander, E.	Lab Project No.: 26316 A: T 6 055 709: 108186-1			
82-1	MKH 6562: Study for Subacute Oral Toxicity in Rats (Feeding Study)	44848732	Bayer Corporation	Own	
28-Day oral toxicity in rodents	Krotlinger, F.; Sander, E.	Lab Project No.: 25058: T 0055514: 107604			
82-1	MKH 6562: Study on Subacute Toxicity in B6C3F1 Mice (Dietary Administration Over 4 Weeks)	44848733	Bayer Corporation	Own	
28-Day oral toxicity in rodents	Bomhard, E.; Jekat, F.; Sander, E.	Lab Project No.: 27626: T6055655: 108510			
83-2	MKH 6562: Oncogenicity Study in B6C3F1 Mice: (Dietary Administration Over 2 Years)	44848740	Bayer Corporation	Own	
2-Year carcinogenicity in mice	Wirnitzer, U.; Geiss, V.	Lab Project No.: 27638: T8059202: 108398			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 31 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

82-1			Bayer Corporation	Own	
28-Day oral toxicity in nonrodents					
82-1			Bayer Corporation	Own	
28-Day oral toxicity in nonrodents					
82-1			Bayer Corporation	Own	
28-Day oral toxicity in rodents					
82-1			Bayer Corporation	Own	
28-Day oral toxicity in rodents					
83-2			Bayer Corporation	Own	
2-Year carcinogenicity in mice					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 32 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

83-2	MKH 6562: Oncogenicity Study in B6C3F1 Mice: (Dietary Administration Over 2 Years): Supplemental Report		44848741	Bayer Corporation	Own	
2-Year carcinogenicity in mice	Wirmitzer, U.	Lab Project No.: 27638 A: T8059202: 108398-1				
83-2	MKH 6562: Oncogenicity Study in B6C3F1 Mice: (Dietary Administration Over 2 Years): Supplemental Report		44848742	Bayer Corporation	Own	
2-Year carcinogenicity in mice	Wirmitzer, U.; Geiss, V.	Lab Project No.: 108398-2: 27638 B: T8059202				
83-1, 83-2	MKH 6562: Combined Chronic Toxicity/Carcinogenicity Study in Wistar Rats: (Dietary Administration Over 2 Years): Lab Project Number: 108500: 27637: T9059203.		44848739	Bayer Corporation	Own	
2-Year chronic toxicity /carcinogenicity in rats	Wirmitzer, U.; Ruhl-Fehlert, C.; Romeike, A.					
83-1, 83-2	MKH 6562: Combined Chronic Toxicity/Carcinogenicity Study in Wistar Rats: (Dietary Administration Over 2 Years): Supplemental Report		44848743	Bayer Corporation	Own	
2-Year chronic toxicity /carcinogenicity in rats	Wirmitzer, U.; Ruhl-Fehlert, C.; Romeike, A.	Lab Project No.: 27637 A: T9059203: 108500-1				
83-1, 83-2	MKH 6562: Combined Chronic Toxicity/Carcinogenicity Study in Wistar Rats: (Dietary Administration Over 2 Years): Supplemental Report		44848744	Bayer Corporation	Own	
2-Year chronic toxicity /carcinogenicity in rats	Wirmitzer, U.; Ruhl-Fehlert, C.; Romeike, A.	Lab Project No.: 108500-2: 27637 B: T9059203				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: **66330-51**

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150, Cary, NC 27513

Product: **Everest Technical Herbicide**Ingredient: **Flucarbazono-sodium**

Page 32 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

83-2			Bayer Corporation	Own	
2-Year carcinogenicity in mice					
83-2			Bayer Corporation	Own	
2-Year carcinogenicity in mice					
83-1, 83-2			Bayer Corporation	Own	
2-Year chronic toxicity /carcinogenicity in rats					
83-1, 83-2			Bayer Corporation	Own	
2-Year chronic toxicity /carcinogenicity in rats					
83-1, 83-2			Bayer Corporation	Own	
2-Year chronic toxicity /carcinogenicity in rats					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 33 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

	Subacute Inhalation Toxicity on Rats (Exposure 5 x 6 hour/week for 4-weeks): MKH-6562.	46168501	Arysta LifeScience North America, LLC	Own	
90-Day inhalation toxicity in rats	Pauluhn, J.	Project No.: T0070210, AT00359.			
82-1	MKH 6562: Subchronic Toxicity Study in Beagle Dogs (13 Week Feeding Study)	44848737	Bayer Corporation	Own	
90-Day oral toxicity in nonrodents	Wetzig, H.; Ruhl-Fehlert, C.	Lab Project No.: 27452: T7 059 337: 108198			
82-1	MKH 6562: Study on Subchronic Toxicity in B6C3F1 Mice Dietary Administration Over 3 Months	44848725	Bayer Corporation	Own	
90-Day oral toxicity in rodents	Bomhard, E.; Jekat, F.; Rinke, M.	Lab Project No.: 27442: T8058113: 108199			
82-1	MKH 6562: Study on Subchronic Toxicity in B6C3F1 Mice Dietary Administration Over 3 Months: Supplemental Report	44848726	Bayer Corporation	Own	
90-Day oral toxicity in rodents	Jekat, F.	Lab Project No.: 27442 A: T8058113: 108199-1			
82-1	MKH 6562: Study for Subchronic Oral Toxicity in Rats: (Feeding Study Over 14 Weeks and 5 Weeks Recovery Period)	44848727	Bayer Corporation	Own	
90-Day oral toxicity in rodents	Krotlinger, F.; Hartmann, E.; Vohr, H.	Lab Project No.: 27316: T0058098: 108197			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 33 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
------------------------	----------	------	-----------	--------	-------

Toxicology

			Arysta LifeScience North America, LLC	Own	
90-Day inhalation toxicity in rats					
82-1			Bayer Corporation	Own	
90-Day oral toxicity in nonrodents					
82-1			Bayer Corporation	Own	
90-Day oral toxicity in rodents					
82-1			Bayer Corporation	Own	
90-Day oral toxicity in rodents					
82-1			Bayer Corporation	Own	
90-Day oral toxicity in rodents					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 34 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

82-1	MKH 6562: Study for Subchronic Oral Toxicity in Rats: (Feeding Study Over 14 Weeks and 5 Weeks Recovery Period): Supplemental Report		44848728	Bayer Corporation	Own	
90-Day oral toxicity in rodents	Krotlinger, F.; Hartmann, E.; Vohr, H.	Lab Project No.: 27316 A: T0058098: 108197-1				
870.1200	Acute Dermal Toxicity Study in Rats-Limit Test		48154304	Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Dermal	Durando, J.	29506				
81-2	MKH 6562 70 WG 05764/0191: Study for Acute Dermal Toxicity in Rats		44848714	Bayer Corporation	Own	
Acute Exposure: Dermal	Krotlinger, F.	Lab Project No.: 27659: T1062634: 108505				
81-2	MKH 6562: Study for Acute Dermal Toxicity in Rats		44848717	Bayer Corporation	Own	
Acute Exposure: Dermal	Krotlinger, F.	Lab Project No.: 23614: T 0055578: 107196				
81-1	O-Desmethyl MKH 6562 (Soil Metabolite of MKH 6562): Study for Acute Oral Toxicity in Rats		44848706	Bayer Corporation	Own	
Acute Exposure: Oral	Andrews, P.	Lab Project No.: PH-28596: T6067607: 108981				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 34 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

82-1			Bayer Corporation	Own	
90-Day oral toxicity in rodents					
870.1200			Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Dermal					
81-2			Bayer Corporation	Own	
Acute Exposure: Dermal					
81-2			Bayer Corporation	Own	
Acute Exposure: Dermal					
81-1			Bayer Corporation	Own	
Acute Exposure: Oral					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 35 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

81-1	MKH 10868 (MKH 6562 Sulfonic Acid Na-Salt): Study for Acute Oral Toxicity in Rats	44848708	Bayer Corporation	Own	
Acute Exposure: Oral	Krotlinger, F.	Lab Project No.: PH-28595: T0067557: 108982			
81-1	MKH 6562 70 WG 05764/0191: Study for Acute Oral Toxicity in Rats	44848715	Bayer Corporation	Own	
Acute Exposure: Oral	Krotlinger, F.	Lab Project No.: PH-27724: T0067089: 108504			
81-1	MKH 6562: Study for Acute Oral Toxicity in Rats	44848716	Bayer Corporation	Own	
Acute Exposure: Oral	Krotlinger, F.	Lab Project No.: 23612: T 9055577: 107197			
81-1	Trifluoromethoxysulfonamide (Plant Metabolite of MKH 6562): Study for Acute Oral Toxicity in Rats	44848721	Bayer Corporation	Own	
Acute Exposure: Oral	Krotlinger, F.	Lab Project No.: PH-26921: T2061915: 108171			
81-1	MKH 6562 Lactate Conjugate (Plant Metabolite of MKH 6562): Study for Acute Oral Toxicity in Rats	44848722	Bayer Corporation	Own	
Acute Exposure: Oral	Krotlinger, F.	Lab Project No.: PH-26920: T7061974: 108172			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 35 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
81-1			Bayer Corporation	Own	
Acute Exposure: Oral					
81-1			Bayer Corporation	Own	
Acute Exposure: Oral					
81-1			Bayer Corporation	Own	
Acute Exposure: Oral					
81-1			Bayer Corporation	Own	
Acute Exposure: Oral					
81-1			Bayer Corporation	Own	
Acute Exposure: Oral					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 36 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

81-1	MKH 6562 Sulfonamide Alanine (Plant Metabolite of MKH 6562): Study for Acute Oral Toxicity in Rats	44848723	Bayer Corporation	Own	
Acute Exposure: Oral	Krotlinger, F.	Lab Project No.: PH-26919: T6061991: 108173			
81-1	Trifluoromethoxysulfonamide (Animal and Plant Metabolite of MKH 6562): Study for Acute Oral Toxicity in Rats	44848724	Bayer Corporation	Own	
Acute Exposure: Oral	Krotlinger, F.	Lab Project No.: PH-27725: T8062640: 108506			
81-5	Acute Skin Irritation Test (Patch Test) of MKH 6562 70 WG 05764/0191 in Rabbits	44848711	Bayer Corporation	Own	
Acute Exposure: Primary Dermal Irritation	Leuschner, P.	Lab Project No.: 108509: R7137A: 9300/278/95			
81-4	Acute Eye Irritation Study of MKH 6562 70 WG 05764/0191 by Instillation into the Conjunctival Sac of Rabbits	44848712	Bayer Corporation	Own	
Acute Exposure: Primary Eye Irritation	Leuschner, P.	Lab Project No.: R7138A: 9301/278/95: T6062152			
81-4, 81-5	MKH 6562: Study for Skin and Eye Irritation/Corrosion in Rabbits	44848719	Bayer Corporation	Own	
Acute Exposure: Primary Eye Irritation	Krotlinger, F.	Lab Project No.: 107199: 23196: T0055659			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 36 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

81-1			Bayer Corporation	Own	
Acute Exposure: Oral					
81-1			Bayer Corporation	Own	
Acute Exposure: Oral					
81-5			Bayer Corporation	Own	
Acute Exposure: Primary Dermal Irritation					
81-4			Bayer Corporation	Own	
Acute Exposure: Primary Eye Irritation					
81-4, 81-5			Bayer Corporation	Own	
Acute Exposure: Primary Eye Irritation					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 37 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

81-3	MKH 6562 70 WG 05764/0191: Study on Acute Inhalation Toxicity in Rats		44848713	Bayer Corporation	Own	
Acute Exposure: Respiratory/Inhalation	Pauluhn, J.	Lab Project No.: PH-27720: T3067019: 108508				
81-3	MKH 6562: Study on Acute Inhalation Toxicity in Rats		44848718	Bayer Corporation	Own	
Acute Exposure: Respiratory/Inhalation	Martins, T.	Lab Project No.: 107602: PH-25387: T0055587				
870.2400	Primary Eye Irritation Study in Rabbits		48154306	Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Eye	Durando, J.	29508				
870.1300	Acute Inhalation Toxicity Study in Rats		48154305	Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Inhalation	Durando, J.	29507				
870.1100	Acute Oral Toxicity Up and Down Procedure in Rats		48154303	Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Oral- Up and Down Procedure	Durando, J.	29505				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 37 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
81-3			Bayer Corporation	Own	
Acute Exposure: Respiratory/Inhalation					
81-3			Bayer Corporation	Own	
Acute Exposure: Respiratory/Inhalation					
870.2400			Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Eye					
870.1300			Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Inhalation					
870.1100			Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Oral- Up and Down Procedure					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 38 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
870.2500	Primary Skin Irritation Study in Rabbits	48154307	Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Skin Irritation	Durando, J. 29509				
870.1100	Acute Oral Toxicity Up and Down Procedure In Rats	47807103	Arysta LifeScience North America, LLC	Own	
Acute Testing	Eurofins 27242				
870.1200	Acute Dermal Toxicity Study in Rats	47807104	Arysta LifeScience North America, LLC	Own	
Acute Testing	Eurofins 27243				
870.1300	Acute Inhalation Toxicity Study in Rats	47807105	Arysta LifeScience North America, LLC	Own	
Acute Testing	Eurofins 27244				
83-1, 83-2	MKH 6562: Combined Chronic Toxicity/Carcinogenicity Study in Wistar Rats (Dietary Administration Over 2 Years)	45037602	Bayer Corporation	Own	
Chronic Exposure: Dietary	Wurnitzer, U.; Ruhl-Fehlert, C.; Romeike, A. Lab Project No.: T9059203: 108500-3: 27637 C				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 38 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

870.2500			Arysta LifeScience North America, LLC	Own	Eurofins PSL
Acute Skin Irritation					
870.1100			Arysta LifeScience North America, LLC	Own	
Acute Testing					
870.1200			Arysta LifeScience North America, LLC	Own	
Acute Testing					
870.1300			Arysta LifeScience North America, LLC	Own	
Acute Testing					
83-1, 83-2			Bayer Corporation	Own	
Chronic Exposure: Dietary					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 39 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

83-2	MKH 6562: Oncogenicity Study in B6C3F1 Mice (Dietary Administration Over 2 Years) Additional Historical Data on Histopathology	45037601	Bayer Corporation	Own	
Chronic Testing	Wirnitzer, U.; Geiss, V.	Lab Project No.: 27638: T8059202: 8579			
83-1	MKH 6562: Chronic Toxicity Study in Beagle Dogs (1 Year Feeding Study)	44848729	Bayer Corporation	Own	
Chronic toxicity in dogs	Wetzig, H.; Sander, E.	Lab Project No.: 108399: 27687: T 0 061 247			
83-1	MKH 6562: Chronic Toxicity Study in Beagle Dogs (1 Year Feeding Study): Supplemental Report	44848730	Bayer Corporation	Own	
Chronic toxicity in dogs	Wetzig, H.; Sander, E.	Lab Project No.: 27687 A: T 0 061 247: 108399-1			
83-1	MKH 6562: Chronic Toxicity Study in Beagle Dogs (1 Year Feeding Study): Supplemental Report	44848731	Bayer Corporation	Own	
Chronic toxicity in dogs	Wetzig, H.; Sander, E.	Lab Project No.: 108399-2: 27687 B: T 0 061 247			
870.2600	Dermal Sensitization Study in Guinea Pigs (Buehler Method)	48154308	Arysta LifeScience North America, LLC	Own	Eurofins PSL
Dermal Skin	Durando, J.	29510			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 39 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

83-2			Bayer Corporation	Own	
Chronic Testing					
83-1			Bayer Corporation	Own	
Chronic toxicity in dogs					
83-1			Bayer Corporation	Own	
Chronic toxicity in dogs					
83-1			Bayer Corporation	Own	
Chronic toxicity in dogs					
870.2600			Arysta LifeScience North America, LLC	Own	Eurofins PSL
Dermal Skin					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazono-sodium		

Page 40 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

NA	Evaluation of Chronic and Acute Dietary Exposure to MKH 6562 and Assessment of Potential Risk	44848843	Bayer Corporation	Own	
Exposure of Non-Target Organisms: Humans	Lemke, V.	Lab Project No.: 108923			
870.7485	Flucarbazono-Sodium(MKH 6562) FLS Research Permit (RP-0893)--Response to PMRA Inquires	44848842	Bayer Corporation	Own	
Fate, Effects, & Residues in Microorganisms & Plants	Duah, F.	Lab Project No.: 108346-1			
870.7800	An Immunotoxicity Study with MKH 6562 Technical in the Male Wistar Rat: Splenic T-Cells, B-Cells, and NK-Cell Assay	44848704	Bayer Corporation	Own	
Gene mutation assay in V79 cultured mammalian cells	Astroff, A.	Lab Project No.: 98-972-VU: 108952: 8826			
NA	MKH 6562: Orientative Toxicologic Study in Mice to Clarify the Immunotoxic Two-Week Feeding Study	44848816	Bayer Corporation	Own	
Immunological Effects	Krotlinger, F.; Vohr, H.	Lab Project No.: 23717: T5058309: 108352			
85-1	The Metabolism of (Phenyl-UL-(carbon-14)) MKH 6562 in Rats	44848830	Bayer Corporation	Own	
Metabolism in rats	Duah, F.; Lopez, R.	Lab Project No.: 108346: M2041801			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 40 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

NA			Bayer Corporation	Own	
Exposure of Non-Target Organisms: Humans					
870.7485			Bayer Corporation	Own	
Fate, Effects, & Residues in Microorganisms & Plants					
870.7800			Bayer Corporation	Own	
Gene mutation assay in V79 cultured mammalian cells					
NA			Bayer Corporation	Own	
Immunological Effects					
85-1			Bayer Corporation	Own	
Metabolism in rats					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 41 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

85-1	The Metabolism of (Triazolinone-3-(carbon-14)) MKH 6562 in Rats		44848831	Bayer Corporation	Own	
Metabolism in rats	Duah, F.; Lopez, R.	Lab Project No.: 108347: M2041803				
85-1	The Metabolism of (Phenyl-(carbon-14)) MKH 6562 Sulfonamide Alanine in Rats		44848832	Bayer Corporation	Own	
Metabolism in rats	Hall, L.; Hartz, A.	Lab Project No.: 108126: M2041804				
85-1	The Metabolism of (Phenyl-UL-(carbon-14)) MKH 6562 Sulfonamide Lactate in Rats		44848833	Bayer Corporation	Own	
Metabolism in rats	Duah, F.; Lopez, R.	Lab Project No.: 108348: M2041802				
84-2	MKH 6562: Test on Unscheduled DNA Synthesis in Rat Liver Primary Cell Cultures in Vitro		44848807	Bayer Corporation	Own	
Mutagenicity	Brendler-Schwaab, S.	Lab Project No.: 25428: T3054004; T3054112				
84-2	MKH 10868: Metabolite of MKH 6562: Salmonella/Microsome Test: Plate Incorporation and Preincubation Method		44848705	Bayer Corporation	Own	
Mutagenicity: Gene Mutation	Herbold, B.	Lab Project No.: 28438: T7059896				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 41 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

85-1			Bayer Corporation	Own	
Metabolism in rats					
85-1			Bayer Corporation	Own	
Metabolism in rats					
85-1			Bayer Corporation	Own	
Metabolism in rats					
84-2			Bayer Corporation	Own	
Mutagenicity					
84-2			Bayer Corporation	Own	
Mutagenicity: Gene Mutation					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 42 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

84-2	MKH 6562: Salmonella/Microsome Test	44848803	Bayer Corporation	Own	
Mutagenicity: Gene Mutation	Gahlmann, R.	Lab Project No.: 22530: T4039228			
84-2	MKH 6562: Mutagenicity Study for the Detection of Induced Forward Mutations in the V79-HPRT Assay in Vitro	44848804	Bayer Corporation	Own	
Mutagenicity: Gene Mutation	Brendler-Schwaab, S.	Lab Project No.: 25199: T2054003			
84-2	MKH 6562: In Vitro Mammalian Chromosome Aberration Test with Chinese Hamster V79 Cells	44848805	Bayer Corporation	Own	
Mutagenicity: Structural Chromosomal Aberrations & Other Effects	Herbold, B.	Lab Project No.: 24828: T1049396			
84-2	MKH 6562: Micronucleus Test on the Mouse:	44848806	Bayer Corporation	Own	
Mutagenicity: Structural Chromosomal Aberrations & Other Effects	Herbold, B.	Lab Project No.: 23750: T0058188: T3058190			
81-8	An Acute Dietary Neurotoxicity Screening Study with Technical Grade MKH 6562 in Fischer 344 Rats	44848809	Bayer Corporation	Own	
Neurotoxicity	Sheets, L.; Gilmore, R.	Lab Project No.: 8577: 108179: 96-412-JB			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 42 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
84-2			Bayer Corporation	Own	
Mutagenicity: Gene Mutation					
84-2			Bayer Corporation	Own	
Mutagenicity: Gene Mutation					
84-2			Bayer Corporation	Own	
Mutagenicity: Structural Chromosomal Aberrations & Other Effects					
84-2			Bayer Corporation	Own	
Mutagenicity: Structural Chromosomal Aberrations & Other Effects					
81-8			Bayer Corporation	Own	
Neurotoxicity					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 43 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
82-7	A Subchronic Dietary Neurotoxicity Screening Study with Technical Grade MKH 6562 in Fischer 344 Rats	44848808	Bayer Corporation	Own	
Neurotoxicity	Sheets, L. Lab Project No.: 96-472-KL: 8584: 108187				
NA	A Liquid Chromatographic Method for the Determination of MKH 6562 in Dose Mixtures	44848813	Bayer Corporation	Own	
Pesticide Effects on Non-target Animals (Including Man)	Moore, K.; Budzowski, K. Lab Project No.: 95-899-FT: 107452				
NA	A Liquid Chromatographic Method for the Determination of MKH 6562 in Animal Ration	44848814	Bayer Corporation	Own	
Pesticide Effects on Non-target Animals (Including Man)	Moore, K.; Budzowski, K. Lab Project No.: 95-899-FQ: 8164: 107631				
NA	The Homogeneity and Stability of MKH 6562 in Rodent Ration	44848815	Bayer Corporation	Own	
Pesticide Effects on Non-target Animals (Including Man)	Moore, K.; Budzowski, K. Lab Project No.: 95-872-GE: 97-872-MZ: 8428				
85-1, 171-4A3	The Levels of Methyl Carbamate Found in Rats and Livestock Following the Oral Administration of Flucarbazone-Sodium--Response to an EPA Inquiry	45608501	Bayer Corporation	Own	
Pesticide Fate in Animals	Duah, F. Lab Project No.: 110313.				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 43 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
82-7			Bayer Corporation	Own	
Neurotoxicity					
NA			Bayer Corporation	Own	
Pesticide Effects on Non-target Animals (Including Man)					
NA			Bayer Corporation	Own	
Pesticide Effects on Non-target Animals (Including Man)					
NA			Bayer Corporation	Own	
Pesticide Effects on Non-target Animals (Including Man)					
85-1, 171-4A3			Bayer Corporation	Own	
Pesticide Fate in Animals					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 44 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

NA	MKH 6562: Plaque-Forming-Cell Assay in Rats (Feeding Study Over 4 Weeks)	44848810	Bayer Corporation	Own	
Plaque-forming cell assay in rats	Krotlinger, F.; Vohr, H.	Lab Project No.: 108194: 27399: T9061723			
NA	MKH 6562: Plaque-Forming-Cell Assay in Rats (Feeding Study Over 4 Weeks): Supplemental Report	44848811	Bayer Corporation	Own	
Plaque-forming cell assay in rats	Krotlinger, F.; Vohr, H.	Lab Project No.: 27399A: T9061723: 108194-1			
NA	MKH 6562: Plaque-Forming-Cell Assay in Rats (Feeding Study Over 4 Weeks): Supplemental Report	44848812	Bayer Corporation	Own	
Plaque-forming cell assay in rats	Krotlinger, F.; Vohr, H.	Lab Project No.: 27399B: T9061723: 108194-2			
83-3	MKH 6562 Developmental Toxicity Study in Rabbits after Oral Administration	44848753	Bayer Corporation	Own	
Prenatal development toxicity in rabbits	Holzum, B.	Lab Project No.: 26381: T1060087: 108182			
83-3	MKH 6562: Original Report: Developmental Toxicity Study in Rabbits After Oral Administration Supplemental Report: Developmental Toxicity Study in Rabbits After Oral Administration	44848801	Bayer Corporation	Own	
Prenatal development toxicity in rabbits	Holzum, B.	Lab Project No.: 26381A: T1060087: 108182			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 44 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
NA			Bayer Corporation	Own	
Plaque-forming cell assay in rats					
NA			Bayer Corporation	Own	
Plaque-forming cell assay in rats					
NA			Bayer Corporation	Own	
Plaque-forming cell assay in rats					
83-3			Bayer Corporation	Own	
Prenatal development toxicity in rabbits					
83-3			Bayer Corporation	Own	
Prenatal development toxicity in rabbits					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 45 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

83-3b, 83-3	MKH 6562: Developmental Toxicity Study in Rabbits After Oral Administration		44848802	Bayer Corporation	Own	
Prenatal development toxicity in rabbits	Holzum, B.	Lab Project No.: 26381B: T1060087: 108182				
83-3	A Developmental Toxicity Study with MKH 6562 Technical in the Sprague-Dawley Rat		44848748	Bayer Corporation	Own	
Prenatal development toxicity in rats	Astroff, A.; Young, A.	Lab Project No.: 97-612-LD: 8478: 108167				
83-3	A Developmental Toxicity Study with MKH 6562 Technical in the Sprague-Dawley Rat: Supplemental Report		44848749	Bayer Corporation	Own	
Prenatal development toxicity in rats	Astroff, A.	Lab Project No.: 97-612-LD: 108167-1: 8478				
83-3	A Dose Range-Finding Developmental Toxicity Study with MKH 6562 Technical in the Sprague-Dawley Rat		44848750	Bayer Corporation	Own	
Prenatal development toxicity in rats	Astroff, A.	Lab Project No.: 95-912-GA: 107473				
83-3	MKH 6562 Pilot Developmental Toxicity Study in Rats after Oral Administration		44848751	Bayer Corporation	Own	
Prenatal development toxicity in rats	Kolb, J.	Lab Project No.: 27554: T2049496: 108362				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazon-sodium		

Page 45 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
83-3b, 83-3			Bayer Corporation	Own	
Prenatal development toxicity in rabbits					
83-3			Bayer Corporation	Own	
Prenatal development toxicity in rats					
83-3			Bayer Corporation	Own	
Prenatal development toxicity in rats					
83-3			Bayer Corporation	Own	
Prenatal development toxicity in rats					
83-3			Bayer Corporation	Own	
Prenatal development toxicity in rats					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 46 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

83-3	MKH 6562 Pilot Developmental Toxicity Study in Rats after Oral Administration: Supplemental Report	44848752	Bayer Corporation	Own	
Prenatal development toxicity in rats	Kolb, J.	Lab Project No.: 27554 A: T2049496: 108362-1			
83-4	MKH 6562: Two-Generation Study in Wistar-Rats	44848745	Bayer Corporation	Own	
Reproduction and fertility effects in rats	Eiben, R.	Lab Project No.: 27555: T8061038: 108382			
83-4	MKH 6562: Two-Generation Study in Wistar-Rats: Supplemental Report	44848746	Bayer Corporation	Own	
Reproduction and fertility effects in rats	Eiben, R.	Lab Project No.: 27555 A: T8061038: 108382-1			
83-4	MKH 6562: Two-Generation Study in Wistar-Rats: Supplemental Report	44848747	Bayer Corporation	Own	
Reproduction and fertility effects in rats	Eiben, R.	Lab Project No.: 108382-2: T8061038: 27555 B			
870.7800	An Immunotoxicity Study with MKH 6562 Technical in the Male Wistar Rat: Antibody Plaque-Forming Cell Assay	44848703	Bayer Corporation	Own	
Special Testing	Astroff, A.	Lab Project No.: 98-972-VT: 108950: 8825			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 46 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
83-3			Bayer Corporation	Own	
Prenatal development toxicity in rats					
83-4			Bayer Corporation	Own	
Reproduction and fertility effects in rats					
83-4			Bayer Corporation	Own	
Reproduction and fertility effects in rats					
83-4			Bayer Corporation	Own	
Reproduction and fertility effects in rats					
870.7800			Bayer Corporation	Own	
Special Testing					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012

EPA Reg. No./File Symbol: 66330-51

Pages:

Applicant's / Registrant's Name & Address:

Arysta LifeScience North America, LLC

15401 Weston Parkway, Suite 150, Cary, NC 27513

Product: Everest Technical Herbicide

Ingredient: Flucarbazone-sodium

Page 47 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

870.7800	An Immunotoxicity Study with MKH 6562 Technical in the Female Wistar Rat: Antibody Plaque-Forming Cell Assay		44848707	Bayer Corporation	Own	
Special Testing	Astroff, A.	Lab Project No.: 98-972-WE: 108898: 8827				
870.7800	An Immunotoxicity Study with MKH 6562 Technical in the Female Wistar Rat: Splenic T-Cells, B-Cells, and NK-Cell Assay		44848709	Bayer Corporation	Own	
Special Testing	Astroff, A.	Lab Project No.: 98-972-VF: 108899: 8824				
NA	Structure-Activity Relationship Analysis of Impurity Using DEREK		48639103	Arysta LifeScience North America, LLC	Own	
Special Testing	Janis, J. and McIntosh, L.	1105679 A0F071101LM				
870.2400	Primary Eye Irritation Study In Rabbits		47807106	Arysta LifeScience North America, LLC	Own	
Specific Organ/Tissue Toxicity	Eurofins	27245				
870.2500	Primary Skin Irritation Study In Rabbits		47807107	Arysta LifeScience North America, LLC	Own	
Specific Organ/Tissue Toxicity	Eurofins	27246				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 47 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
870.7800			Bayer Corporation	Own	
Special Testing					
870.7800			Bayer Corporation	Own	
Special Testing					
NA			Arysta LifeScience North America, LLC	Own	
Special Testing					
870.2400			Arysta LifeScience North America, LLC	Own	
Specific Organ/Tissue Toxicity					
870.2500			Arysta LifeScience North America, LLC	Own	
Specific Organ/Tissue Toxicity					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 48 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
870.2600	Dermal Sensitization Study in Guinea Pigs (Buehler Method)	47807108	Arysta LifeScience North America, LLC	Own	
Specific Organ/Tissue Toxicity	Eurofins 27247				
81-6	MKH 6562 70 WG 05764/0191: Study for the Skin Sensitization Effect in Guinea Pigs (Buehler Patch Test)	44848710	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Dermal Sensitization	Stropp, G. Lab Project No.: 27619: T2062635: 108507				
81-6	MKH 6562: Study for Skin Sensitization Effect in Guinea Pigs (Maximisation Test of Magnusson and Kligman)	44848720	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Dermal Sensitization	Vohr, H. Lab Project No.: 23369: T 1055588: 107419				
82-1	MKH 6562: Subchronic Toxicity Study in Beagle Dogs (13 Week Feeding Study): Supplemental Report	44848738	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary	Wetzig, H.; Ruhl-Fehlert, C. Lab Project No.: 27452 A: T 7 059 337: 108198-1				
82-1	MKH 6562: Orientative Toxicologic Studies in Rats Acute Oral Toxicity in Non-Fasted Animals Subacute Oral Toxicity Two-Week Gavage Administration	44848817	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary	Krotlinger, F. Lab Project No.: 22959: T8044190: T7050192				

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 48 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
Toxicology					
870.2600			Arysta LifeScience North America, LLC	Own	
Specific Organ/Tissue Toxicity					
81-6			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Dermal Sensitization					
81-6			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Dermal Sensitization					
82-1			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary					
82-1			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street S.W.
Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 49 of 50

Guideline Reference No Citation MRID Submitter Status Notes

Toxicology

82-1	MKH 6562: Subacute Toxicity Study in Beagle Dogs (4 Week Feeding Study)	45093801	Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary	Wetzig, H.; Sander, E.	Lab Project No.: PH 29684: T4058146: 26316			
NA	PRE-PARE SC Herbicide (66330-XXX): Applicability of Acute Toxicity Studies for ARY 0454-105 (EPA File Symbol 66330-GOR; MRID: 47807103, 47807104, 47807105, 47807106, 47807107, and 47807108)	47897001	Arysta LifeScience North America, LLC	Own	
Waiver	Janis, J.	ARY- 0454RD1028			

Occupational & Residential Exposure

NA	Occupational and Residential Exposure and Risk Assessments for Proposed Uses of Flucarbazone-Sodium on Turf and in Tree Nurseries and Christmas Tree Farms.	47565001	Arysta LifeScience North America, LLC	Own	
Exposure of Non-Target Organisms: Occupationally Exposed Humans	Johnston, J.	Project No.: FLUCARBAZONE/08/01.			
875.0000	Assessment of Potential Exposure Resulting From the Ground Application of MKH 6562(R)	44848818	Bayer Corporation	Own	
Risk to Non-Target Organisms: Occupationally Exposed Populations	Lunchick, C.	Lab Project No.: 108579			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W., Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 49 of 50

Guideline Reference No	Citation	MRID	Submitter	Status	Notes
------------------------	----------	------	-----------	--------	-------

Toxicology

82-1			Bayer Corporation	Own	
Subacute or Subchronic Exposure: Oral or Dietary					
NA			Arysta LifeScience North America, LLC	Own	
Waiver					

Occupational & Residential Exposure

NA			Arysta LifeScience North America, LLC	Own	
Exposure of Non-Target Organisms: Occupationally Exposed Humans					
875.0000			Bayer Corporation	Own	
Risk to Non-Target Organisms: Occupationally Exposed Populations					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street S.W.

Washington, D.C. 20460

Paper Reduction Act Notice: The public reporting burden for this collocation is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M. Street, S.W. , Washington D.C. 20460. Do not send the form to this address.

DATA MATRIX

Date: October 4, 2012	EPA Reg. No./File Symbol: 66330-51	Pages:
Applicant's / Registrant's Name & Address: Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150, Cary, NC 27513	Product: Everest Technical Herbicide	
Ingredient: Flucarbazone-sodium		

Page 50 of 50

Guideline Reference No Citation

MRID Submitter

Status Notes

Signature: Rodney AkersDate: October 4, 2012

Name and Title: Rodney Akers, Registration Manager

EPA Form 8570-35 (9-97) Electronic and Paper Versions Available

Agency Internal Use Copy